Applicant: Coffey, et al. Attorney's Docket No.: 16596-015001

Serial No.: 09/987,687

5. : 09/98/,68/ : November 15, 2001

Page : 2 of 8

Filed

AMENDMENTS TO THE CLAIMS

Claims 1-21 are pending.

Claims 1 and 8-12 are being amended.

After the amendments, claims 1-21 will be pending.

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims

- 1. (Currently amended) A method for delivering a virus to a solid tumor to reduce growth of the tumor, comprising administering an effective amount of virus to a subject bearing the tumor, wherein the virus is capable of selectively killing tumor cells, by a base administration of injecting delivering on the same day a composition comprising the virus into to multiple sites inside the solid tumor, wherein the volume of the composition injected delivered per site is between about 10% to about 100% of the volume of the tumor.
- 2. (Original) The method of claim 1 wherein the virus is reovirus.
- 3. (Original) The method of claim 2 wherein the reovirus is a mammalian reovirus.
- 4. (Original) The method of claim 3 wherein the mammalian reovirus is a human reovirus.
- 5. (Original) The method of claim 4 wherein the human reovirus is a serotype 3 virus.
- 6. (Original) The method of claim 5 wherein the serotype 3 virus is a Dearing strain virus.
- 7. (Original) The method of claim 1 wherein the virus is selected from the group consisting of modified adenovirus, modified HSV, modified vaccinia virus, modified parapoxvirus orf virus, p53-expressing viruses, the ONYX-015 virus, the Delta24 virus, vesicular stomatitis virus, the herpes simplex virus 1 mutant which is defective in hrR3, Newcastle disease virus,

Applicant: Coffey, et al. Attorney's Docket No.: 16596-015001

Serial No.: 09/987,687

Filed: November 15, 2001

Page : 3 of 8

encephalitis virus, herpes zoster virus, hepatitis virus, influenza virus, varicella virus, and measles virus.

8. (Currently amended) The method of claim 1 wherein the virus is <u>injected into</u> delivered to at least 3 sites inside the tumor mass.

1

- 9. (Currently amended) The method of claim 1 wherein the virus is <u>injected into</u> delivered to at least 5 sites inside the tumor mass.
- 10. (Currently amended) The method of claim 1 wherein the virus is <u>injected into</u> delivered to one site per about 0.25 cubic centimeter of the tumor.
- 11. (Currently amended) The method of claim 1 wherein the volume of the composition injected per site is at least 30% of the volume of the tumor.
- 12. (Currently amended) The method of claim 1 wherein the volume of the composition injected per site is at least 50% of the volume of the tumor.
- 13. (Previously presented) The method of claim 1 wherein the total volume of the virus composition delivered is between about 10% to about 100% of the volume of the tumor.
- 14. (Previously presented) The method of claim 1 further comprising at least one additional administration selected from the group consisting of:
- (a) delivering the virus by using a transdermal patch, a spray on the skin, or topical administration, wherein the tumor is a superficial tumor; and
- (b) delivering the virus systemically.
- 15. (Original) The method of claim 14 wherein the at least one additional administration is conducted before or after the base administration.

Applicant: Coffey, et al. Attorney's Docket No.: 16596-015001

Serial No.: 09/987,687

Filed: November 15, 2001

Page : 4 of 8

16. (Original) The method of claim 14 wherein the at least one additional administration is concurrent with the base administration.

- 17. (Original) The method of claim 14 wherein the virus is reovirus.
- 18. (Original) The method of claim 17 wherein the reovirus is a mammalian reovirus.
- 19. (Original) The method of claim 18 wherein the mammalian reovirus is a human reovirus.
- 20. (Original) The method of claim 19 wherein the hum an reovirus is a serotype 3 virus.
- 21. (Original) The method of claim 20 wherein the serotype 3 virus is a Dearing strain virus.